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(71) Applicant (for all designated States except US): SHOWA DENKO K.K. [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).

(72) Inventor; and

(75) Inventor/Applicant (for US only): OHMORI, Masahiro [JP/JP]; c/o Showa Denko K.K. Oyama Plant, 1-480, Inuzuka, Oyama-shi, Tochigi 323-8678 (JP).

(74) Agents: FUKUDA, Kenzo et al.; Kashiwaya Bldg., 6-13, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

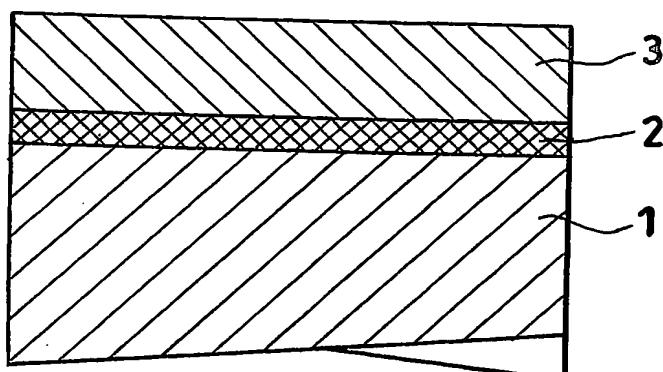
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(54) Title: SUBSTRATE FOR PERPENDICULAR MAGNETIC RECORDING MEDIUM AND METHOD FOR PRODUCTION THEREOF



(57) Abstract: A substrate for use in a perpendicular magnetic recording medium includes a blank substrate and a film of phosphorus- or boron-containing cobalt alloy formed on the blank substrate by electroless plating, the electroless plated film of the cobalt alloy having surface roughness Ra in the range of 0.05 nm to 1 nm. A method for the production of a substrate for use in a perpendicular magnetic recording medium includes a step of forming on a blank substrate a film of phosphorus-containing cobalt alloy by electroless plating and a step of polishing a surface resulting from the step of forming the film by the plating.